

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ATTORNEY'S DOCKET NO.
TH 2244 USA P

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled APPARATUS AND PROCESS FOR PRODUCTION OF HIGH PURITY HYDROGEN the specification of which is attached hereto unless the following box is checked:

(X) was filed on 5 September 2003
as United States Application Number or PCT International Application Number PCT/US2003/027995
and was amended on 26 November 2004

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)

| APPLICATION NUMBER | COUNTRY | DAY/MONTH/YEAR FILED | Priority Not Claimed |
|--------------------|---------|----------------------|--------------------------|
| 60/408,427 | USA | 5 September 2002 | <input type="checkbox"/> |
| APPLICATION NUMBER | COUNTRY | DAY/MONTH/YEAR FILED | <input type="checkbox"/> |

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

| APPLICATION SERIAL NO. | FILING DATE |
|------------------------|-------------|
| APPLICATION SERIAL NO. | FILING DATE |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

| APPLICATION SERIAL NO. | FILING DATE | STATUS-PATENTED, PENDING, ABANDONE |
|------------------------|-------------|------------------------------------|
| APPLICATION SERIAL NO. | FILING DATE | STATUS-PATENTED, PENDING, ABANDONE |

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

| NAME | ATTORNEY/AGENT | REGISTRATION NUMBER | TELEPHONE NUMBER |
|-------------------|----------------|---------------------|------------------|
| Richard B. Taylor | Attorney | 37,248 | (713) 241 3558 |
| NAME | ATTORNEY/AGENT | REGISTRATION NUMBER | TELEPHONE NUMBER |
| Richard F. Lemuth | Attorney | 30,081 | (713) 241 3716 |

Revised June 1995

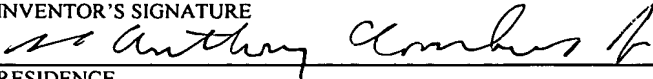
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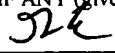
Richard B. Taylor
c/o Shell Oil Company
Intellectual Property
P.O. Box 2463
Houston, TX 77252-2463


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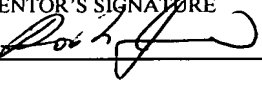
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | |
|--|-----------------|---------|
| FULL NAME OF SOLE OR FIRST INVENTOR (given name, family name) | | |
| CLOMBURG Jr., Lloyd Anthony | | |
| INVENTOR'S SIGNATURE | DATE SIGNED | |
|  | 25 January 2005 | 1/25/05 |
| RESIDENCE | CITIZENSHIP | |
| 18207 Widcombe Drive, Houston, Texas 77084, USA | US | |
| POST OFFICE ADDRESS | | |
| 18207 Widcombe Drive, Houston, Texas 77084, USA | | |

| | | |
|---|------------------|-----|
| FULL NAME OF SECOND JOINT INVENTOR, IF ANY (given name, family name) | | |
| ELLIOTT, Glem William <i>GLE</i> | | |
| SECOND INVENTOR'S SIGNATURE | DATE SIGNED | |
|  | 10 February 2005 | 1/2 |
| RESIDENCE | CITIZENSHIP | |
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| POST OFFICE ADDRESS | | |
| 148 Westover Drive, Akron, Ohio 44313, USA <i>2811 Planters St Sugar Land TX 77479</i> | | |

| | | |
|---|--------------------|--|
| FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name) | | |
| GROENEVELD, Michiel Jan | | |
| THIRD INVENTOR'S SIGNATURE | DATE SIGNED | |
|  | 14 January 2005 | |
| RESIDENCE | CITIZENSHIP | |
| Volmerlaan 8, 2288 GD Rijswijk, the Netherlands | Netherlands | |
| POST OFFICE ADDRESS | | |
| Volmerlaan 8, 2288 GD Rijswijk, the Netherlands | | |

| | | |
|---|------------------|---------|
| FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) | | |
| JEAN, Rong-Her | | |
| FOURTH INVENTOR'S SIGNATURE | DATE SIGNED | |
|  | 18 February 2005 | 2/18/05 |
| RESIDENCE | CITIZENSHIP | |
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| POST OFFICE ADDRESS | | |
| 5810 Wilkins Lane, Sugar Land, Texas 77479, USA | | |

| | | |
|---|-----------------|--|
| FULL NAME OF FIFTH JOINT INVENTOR, IF ANY (given name, family name) | | |
| MATZAKOS, Andreas Nicholas | | |
| FIFTH INVENTOR'S SIGNATURE | DATE SIGNED | |
|  | 31 January 2005 | |
| RESIDENCE | CITIZENSHIP | |
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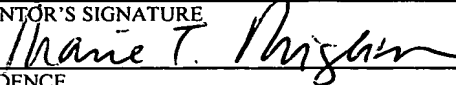
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SIXTH JOINT INVENTOR, IF ANY (given name, family name)

MIGLIN, Marie Therese

INVENTOR'S SIGNATURE



18 February 2005

DATE SIGNED

2/18/05

RESIDENCE

23314 Grand Springs Drive, Katy, Texas 77494, USA

CITIZENSHIP

US

POST OFFICE ADDRESS

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FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY (given name, family name)

MUNSHI, Abdul Wahid

SECOND INVENTOR'S SIGNATURE



DATE SIGNED

10 February 2005

RESIDENCE

12635 S. Diary Ashford, Houston, Texas 77099, USA

CITIZENSHIP

US

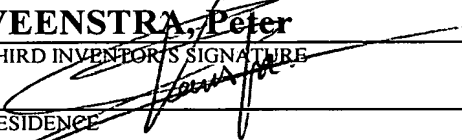
POST OFFICE ADDRESS

12635 S. Diary Ashford, Houston, Texas 77099, USA

FULL NAME OF EIGHT JOINT INVENTOR, IF ANY (given name, family name)

VEENSTRA, Peter

THIRD INVENTOR'S SIGNATURE



DATE SIGNED

10 February 2005

RESIDENCE

8507 Chippingrock Drive, Sugar Land, Texas 77479, USA

CITIZENSHIP

Netherlands

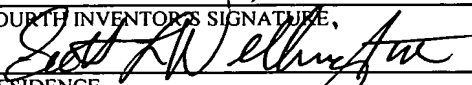
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8507 Aspen Street, Bellaire, Texas 77401, USA *CHIPPING ROCK DRIVE, SUGAR LAND, TX 77479, USA*

FULL NAME OF NINTH JOINT INVENTOR, IF ANY (given name, family name)

WELLINGTON, Scott Lee

FOURTH INVENTOR'S SIGNATURE



DATE SIGNED

16 January 2005

1/16/05

RESIDENCE

5109 Aspen Street, Bellaire, Texas 77401, USA

CITIZENSHIP

US

POST OFFICE ADDRESS

5109 Aspen Street, Bellaire, Texas 77401, USA

FULL NAME OF TENTH JOINT INVENTOR, IF ANY (given name, family name)

FIFTH INVENTOR'S SIGNATURE

DATE SIGNED

RESIDENCE

CITIZENSHIP

POST OFFICE ADDRESS